

A - 931757  
C.R.

BOROUGH OF DARWEN



ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH  
INCLUDING THE ANNUAL REPORT  
OF THE SENIOR PUBLIC HEALTH  
INSPECTOR  
FOR THE YEAR 1958.

R. C. WEBSTER

B.Sc., M.D., D.P.H., D.C.H.

Medical Officer of Health

E. P. McGLYNN,

C.S.I.B., M.A.P.H.I.

Senior Public Health Inspector





Digitized by the Internet Archive  
in 2017 with funding from  
Wellcome Library

<https://archive.org/details/b29152343>





*With the Compliments  
of the  
Medical Officer of Health*

*Public Health Dept.  
Darwen.*







BOROUGH OF DARWEN

REPORT

ON THE

Health and Sanitary  
Administration  
OF THE BOROUGH  
FOR THE YEAR 1958.

By R. C. WEBSTER, B.Sc., M.D., D.P.H., D.C.H.

*Medical Officer of Health.*

and E. P. McGLYNN, C.S.I.B., M.A.P.H.I.,

*Senior Public Health Inspector.*



# Members of the Public Health Committee.

1958-59.

---

COUNCILLOR P. S. HUNT, J.P., MAYOR.

**Chairman:**

\*ALDERMAN T. V. KEELAN, C.C.

**Vice-Chairman:**

\*COUNCILLOR MRS. M. ASPDEN.

Ald. J. BRAITHWAITE.

Coun. M. CLEARY.

Ald. Mrs. M. M. DUCKWORTH.

Coun. D. DAVIDSON.

\*Ald. A. KAY, J.P.

Coun. T. FITZGERALD.

\*Ald. F. TAYLOR, C.C.

Coun. H. F. HASLAM.

Ald. E. YATES, LL.B., J.P.

Coun. J. R. HINDLE.

Coun. E. AINSWORTH.

\*Coun. C. W. JONES.

Coun. A. BARNES.

Coun. A. PRESTON.

Coun. W. BRADLEY.

Coun. G. RILEY.

\*Coun. Miss M. BROUGHTON, J.P.

Coun. G. W. SNAPE.

\*Coun. A. CARTER.

\*Coun. J. TAYLOR.

\*COUNCILLOR T. WINTERBOTTOM.

JOHN CHADWICK FIELDING, LL.B., Town Clerk.

\* Members of the Public Health Sub-Committee.



## Staff of the Public Health Department.

### Officers.

|  |   |   |
|--|---|---|
| Medical Officer of Health .....                | { | R. C. WEBSTER, B.Sc., M.D., D.P.H.,<br>D.C.H.   |
| Divisional Medical Officer, Lancashire .....   |   |   |
| County Council .....                           |   |   |
| Senior Public Health Inspector .....           | { | EDMUND P. McGLYNN, C.S.I.B.,<br>Cert. Insp. Meat and Other Foods,<br>Smoke Insp. (Cert.), M.A.P.H.I.,<br>M.R.S.P.H. |
| Inspector of Meat and Other Foods .....        |   |   |
| Director of Public Cleansing .....             |   |   |
| District Public Health Inspectors .....        | { | J. HANDBY, C.S.I.B., Cert. Insp. Meat<br>and Other Foods, M.A.P.H.I., Inter<br>C.I.S.                               |
|  |   | H. RAMSBOTTOM, C.S.I.B.,<br>Cert. Insp. Meat and Other Foods,<br>M.A.P.H.I.   |
|  |   | P. H. WATSON, C.S.I.B.,<br>Cert. Insp. Meat and Other Foods,<br>M.A.P.H.I.  |
| Public Health Inspector's Articled Pupil ..... | { | R. C. DAVIDSON.   |
| Chief Clerk .....                              |   | J. BOLTON.  |
| Clerical Staff .....                           | { | A. ALSTON.  |
|  |   | Miss M. DUCKWORTH.  |
|  |   | Mrs. O B. PARRY.  |
|  |   | F. TOWNLEY.   |



## Clinics and Treatment Centres.

| Name of Clinic or Centre.                         | Situation.                                     | Day and Time.  | By whom provided.                   |
|---|--|--|-------------------------------------|
| Child Welfare and Diphtheria Immunisation.        | Civic Health Centre.                           | Monday, 2 p.m.<br>Thursday, 2 p.m.   | Lancashire County Council.          |
| Child Welfare.                                    | Greenfield Institute.                          | Tuesday 2 p.m.   | Lancashire County Council.          |
| Ante-Natal.                                       | Civic Health Centre.                           | Tuesday and Thursday, 10 a.m.<br>Wednesday, 2 p.m.<br>1st and 3rd Fridays, 9-30 a.m.<br>(Specialist).  | Lancashire County Council.          |
| Ante-Natal Relaxation.                            | Civic Health Centre.                           | Wednesday, 2 p.m.  | Lancashire County Council.          |
| Maternity and Child Welfare Dental.               | Civic Health Centre.                           | Monday, 9 a.m. to 12 a.m.<br>Tuesday, 9 a.m. to 4 p.m.<br>by appointment.  | Lancashire County Council.          |
| Speech Therapy                                    | Civic Health Centre.                           | Monday and Thursday a.m. by appointment.   | Lancashire County Council.          |
| Ultra-Violet Light.                               | Civic Health Centre.                           | Tuesday, 2 p.m.<br>Friday, 2 p.m.<br>by appointment.   | Lancashire County Council.          |
| School Dental.                                    | Civic Health Centre.                           | Monday, 9 a.m. to 12 a.m.<br>Tuesday, 9 a.m. to 4 p.m.<br>by appointment.  | Lancashire County Council.          |
| School Clinics.                                   | Civic Health Centre.                           | Minor Ailments.<br>Monday to Friday, 9 a.m. and 4 p.m.<br>Saturday, 9 a.m.<br>Tuesday and Friday, 2 p.m.,<br>by appointment.                   | Lancashire County Council.          |
| Ophthalmic.                                       | Civic Health Centre.                           | by appointment.  | Lancashire County Council.          |
| Ear, Nose and Throat.                             | Civic Health Centre.                           | Friday p.m.<br>by appointment.   | Lancashire County Council.          |
| Orthopædic.                                       | Civic Health Centre.                           | Wednesday, 10 a.m.   | Lancashire County Council.          |
| Chiropodist.                                      | Civic Health Centre.                           | Monday and Thursday, 9-30 a.m.,<br>By appointment.   | Lancashire County Council.          |
| Cardiac Clinic for Expectant and Nursing Mothers. | Health Department, Victoria Street, Blackburn. | Alternate Tuesdays<br>by appointment.  | Blackburn Corporation.              |
| Cardiac Clinic for Schoolchildren.                | Tullyallan Open Air School, Darwen.            | By appointment.  | Lancashire County Council.          |
| Tuberculosis Dispensary.                          | Royal Infirmary Blackburn.                     | Thursday, 9-15 a.m.<br>by appointment.   | Manchester Regional Hospital Board. |
| Venereal Diseases                                 | Royal Infirmary, Blackburn.                    | Males — Wednesday, 5 p.m. to 7 p.m.<br>Thursday, 2 p.m. to 4 p.m.<br>Females — Monday, 2 p.m. to 4 p.m.<br>5 p.m. to 7 p.m.<br>By appointment. | Manchester Regional Hospital Board. |
| B.C.G. Vaccination Prevention of Tuberculosis.    | Civic Health Centre.                           | By appointment.  | Manchester Regional Hospital Board. |





CIVIC HEALTH CENTRE,

DARWEN.

June, 1959.

TO THE CHAIRMAN AND MEMBERS OF THE PUBLIC HEALTH COMMITTEE.

LADIES AND GENTLEMEN,

I have pleasure in presenting to you the Annual Report of the Public Health Department for 1958.

The births showed little change, but there was an appreciably greater number of deaths, mainly among the elderly. This trend is to be expected in view of the increasing proportion of elderly persons.

The infant mortality rate reached an even lower figure, but this happy breaking of records is coming to be expected. It is this year even below the low national level, and is coupled with a still-birth rate also below the national level, which reassures one that deaths are not merely being transferred from one column to another.

Measles was again prevalent but mild. No outbreaks of dysentery or food poisoning occurred.

I am happy therefore to present a satisfactory report.

During the year, the accustomed friendly co-operation with all my fellow officials and the warm interest and support of the Committee, made my work pleasant and rewarding.

I am, Ladies and Gentlemen,

Your obedient Servant,

R. C. WEBSTER,

MEDICAL OFFICER OF HEALTH.







## PART I.

Statistics and Social Conditions

General Provisions of the Health Services

Prevalence and Control of Infectious Diseases

BY

R. C. WEBSTER, B.Sc., M.D., D.P.H., D.C.H.

MEDICAL OFFICER OF HEALTH







# Summary of Statistics and Social Conditions.

1958

**GENERAL INFORMATION.**

|   |                         |
|---|-------------------------|
| Geographical Position ... Lat. 53° 41' 25" N. Lon. 2° 28' 32" W.  |                         |
| Elevation above sea level .....                                   | 500 ft. to over 800 ft. |
| Geological formation...Boulder clay and sand, over coal measures. |                         |
| Area (in acres) .....   | 5,959                   |
| Population—Census, 1951 .....                                     | 30,827                  |
| Population — Registrar-General's Mid-year Estimate                |                         |
| for 1958 .....  | 29,680                  |
| Number of Inhabited Houses—Census, 1951 .....                     | 10,634                  |
| Number of Inhabited Houses at end of 1958 .....                   | 10,700                  |
| Number of families or separate occupiers at Census, 1951          | 10,797                  |
| Rateable Value .....  | £251,691                |
| Sum represented by a Penny Rate .....                             | £988                    |

The inhabitants are mainly of the artisan, or working class, and the principal industries are cotton weaving, paper making and staining, plastic and paint manufacturing and engineering trades.

Of a total of 13,869 insured adult persons, the average per cent unemployed was 1.8. The corresponding figures for 1957 were:— Insured adult persons, 13,760; Average per cent unemployed was 0.9.

**SUMMARY OF VITAL STATISTICS.**

|   |  |        |          |        |                      |
|---|--|--------|----------|--------|----------------------|
|   |  | Males. | Females. | Total. |                      |
| <b>LIVE BIRTHS.</b>                               | Legitimate .....                                     | 215    | 206      | 421    | Birth-rate per 1,000 |
|   | Illegitimate.....                                    | 13     | 13       | 26     | Estimated home       |
|   |  |        |          |        | population mid 1958: |
|   | Total...   | 228    | 219      | 447    | Crude ..... 15.1     |
|   |  |        |          |        | Adjusted ..... 16.3  |
| <b>STILLBIRTHS:</b>                               | Legitimate .....                                     | 8      | 2        | 10     |                      |
|   | Illegitimate .....                                   | Nil    | Nil      | Nil    | Rate per 1,000 total |
|   |  |        |          |        | Births ..... 21.9    |
|   | Total...   | 8      | 2        | 10     |                      |
| <b>DEATHS:</b>                                    |  |        |          |        | Death-rate per 1,000 |
|   |  |        |          |        | estimated home       |
|   |  | 267    | 240      | 507    | population mid-1958: |
|   |  |        |          |        | Crude ..... 17.1     |
|   |  |        |          |        | Adjusted ..... 16.7  |
| <b>MORTALITY RATES PER 1,000 EST. POPULATION.</b> | Respiratory T.B. ....                                |        |          |        | 0.03                 |
|   | Malignant Neoplasms, etc. ....                       |        |          |        | 2.66                 |
| <b>MATERNAL MORTALITY.</b>                        | Deaths from Pregnancy, Childbirth and Abortion ..... |        |          |        | 1                    |
|   | Mortality Rate per 1,000 total Births .....          |        |          |        | 2.19                 |



**INFANTILE  
MORTALITY.**

(Infants under  
the age of  
1 year.)

|                            |        |          |        |
|----------------------------|--------|----------|--------|
|                            | Males. | Females. | Total. |
| Legitimate Infants .....   | 6      | 3        | 9      |
| Illegitimate Infants ..... | Nil    | Nil      | Nil    |
| Total Deaths .....         | 6      | 3        | 9      |

Rate per 1,000 live births ..... 20.1

**INFANTILE MORTALITY RATES.**

| Year. | Darwen. | England and<br>Wales. |
|-------|---------|-----------------------|
| 1949  | 29      | 32                    |
| 1950  | 36      | 29.8                  |
| 1951  | 24      | 29.6                  |
| 1952  | 34      | 27.6                  |
| 1953  | 24      | 26.8                  |
| 1954  | 28      | 25.5                  |
| 1955  | 23      | 24.9                  |
| 1956  | 27      | 23.8                  |
| 1957  | 26      | 23.0                  |
| 1958  | 20.1    | 22.5                  |

**OTHER  
INFANT  
DEATHS.**

|   |        |                               |
|---|--------|-------------------------------|
|   | Total. | Rate per 1,000<br>population. |
| Deaths from Measles (at all ages) .....           | Nil    | 0.000                         |
| Deaths from Whooping Cough (at all<br>ages) ..... | Nil    | 0.000                         |
| Deaths from Diarrhoea (under 2 years) Nil         | .....  | 0.000                         |

**NEO-NATAL  
MORTALITY.**

|   |      |
|---|------|
| Deaths of Infants under four weeks of age ..... | 7    |
| Mortality Rate per 1,000 Live Births .....      | 15.7 |

**Births.** The number of live births registered during the year was 447, giving a birth-rate adjusted by comparison with the estimated home population of 16.3 per 1,000 The trend of this rate over the past ten years, in comparison with the rate for England and Wales is shown in the following table—

| Year. | DARWEN.        |         |        |                | ENGLAND<br>AND WALES. |
|-------|----------------|---------|--------|----------------|-----------------------|
|       | No. of Births. |         |        | Rate per 1,000 | Rate per 1,000        |
|       | Male.          | Female. | Total. |                |                       |
| 1949  | 213            | 238     | 451    | 14.6           | 16.7                  |
| 1950  | 220            | 194     | 414    | 14.1           | 15.8                  |
| 1951  | 235            | 214     | 449    | 15.5           | 15.5                  |
| 1952  | 221            | 190     | 411    | 14.2           | 15.3                  |
| 1953  | 223            | 240     | 463    | 16.1           | 15.5                  |
| 1954  | 212            | 188     | 400    | 14.4           | 15.2                  |
| 1955  | 211            | 222     | 433    | 15.6           | 15.0                  |
| 1956  | 204            | 201     | 405    | 14.7           | 15.7                  |
| 1957  | 224            | 207     | 431    | 15.6           | 16.1                  |
| 1958  | 228            | 219     | 447    | 16.3           | 16.4                  |



**Illegitimate Births.**—The following table shows the number of illegitimate births and deaths for the past ten years:—

| Year. | No. of Births. | Rate per cent. of Live Births. | No. of Deaths under 1 year. | Death Rate per 1,000 Illegitimate Live Births |
|-------|----------------|--------------------------------|-----------------------------|---|
| 1949  | 18             | 3.99                           | Nil                         | Nil   |
| 1950  | 19             | 4.58                           | Nil                         | Nil   |
| 1951  | 17             | 3.76                           | 1                           | 58  |
| 1952  | 17             | 4.13                           | Nil                         | Nil   |
| 1953  | 16             | 3.45                           | Nil                         | Nil   |
| 1954  | 12             | 3.00                           | Nil                         | Nil   |
| 1955  | 18             | 4.15                           | Nil                         | Nil   |
| 1956  | 21             | 5.18                           | 2                           | 95  |
| 1957  | 29             | 6.72                           | Nil                         | Nil   |
| 1958  | 26             | 5.45                           | Nil                         | Nil   |

**Stillbirths.**—The table given below sets out details relating to stillbirths for the past ten years:—

| Year. | No. of Stillbirths. |               |        | Rate per 1,000 Births. | Rate per 1,000 Population. |                    |
|-------|---------------------|---------------|--------|------------------------|----------------------------|--------------------|
|       | Legitimate.         | Illegitimate. | Total. |                        | DARWEN.                    | ENGLAND AND WALES. |
| 1949  | 14                  | Nil           | 14     | 30                     | 0.45                       | 0.39               |
| 1950  | 17                  | Nil           | 17     | 39                     | 0.54                       | 0.37               |
| 1951  | 12                  | 1             | 13     | 28                     | 0.40                       | 0.36               |
| 1952  | 11                  | 3             | 14     | 33                     | 0.45                       | 0.35               |
| 1953  | 16                  | 1             | 17     | 35                     | 0.55                       | 0.35               |
| 1954  | 13                  | Nil           | 13     | 31                     | 0.42                       | 0.36               |
| 1955  | 3                   | Nil           | 3      | 7                      | 0.09                       | 0.35               |
| 1956  | 7                   | 1             | 8      | 19                     | 0.26                       | 0.37               |
| 1957  | 12                  | Nil           | 12     | 27                     | 0.40                       | 0.37               |
| 1958  | 10                  | Nil           | 10     | 21.9                   | 0.33                       | 0.36               |

**Deaths.** The number of deaths of Darwen residents which occurred during the year was 507, representing an adjusted death-rate per 1,000 of the population of 16.7

The trend of the death-rate of the Borough for the past ten years is shown below in comparison with the rate for England and Wales:—

| Year. | DARWEN.       |                 | ENGLAND AND WALES.<br>Rate per 1,000. |
|-------|---------------|-----------------|---------------------------------------|
|       | Total Deaths. | Rate per 1,000. |                                       |
| 1949  | 525           | 14.6            | 11.7                                  |
| 1950  | 489           | 13.91           | 11.6                                  |
| 1951  | 571           | 16.4            | 12.5                                  |
| 1952  | 473           | 13.6            | 11.3                                  |
| 1953  | 438           | 12.7            | 11.4                                  |
| 1954  | 493           | 14.8            | 11.3                                  |
| 1955  | 464           | 14.0            | 11.7                                  |
| 1956  | 462           | 15.2            | 11.7                                  |
| 1957  | 436           | 14.4            | 11.5                                  |
| 1958  | 507           | 16.7            | 11.7                                  |



The following is a copy of the information supplied by the Registrar-General of the causes and sex distribution of deaths of Darwen residents. The information does not include non-civilian deaths:—

| Cause of Death.                              | Males. | Females. | Total. |
|--|--------|----------|--------|
| Tuberculosis, respiratory .....              | 1      | —        | 1      |
| Tuberculosis, other .....                    | —      | —        | —      |
| Syphilitic disease .....                     | —      | —        | —      |
| Diphtheria .....                             | —      | —        | —      |
| Whooping Cough .....                         | —      | —        | —      |
| Meningococcal infections .....               | —      | —        | —      |
| Acute Poliomyelitis .....                    | —      | —        | —      |
| Measles .....                                | —      | —        | —      |
| Other Infective and Parasitic diseases ..... | —      | —        | —      |
| Malignant Neoplasm, Stomach .....            | 5      | 3        | 8      |
| Malignant Neoplasm, Lung, Bronchus .....     | 10     | 2        | 12     |
| Malignant Neoplasm, Breast .....             | —      | 13       | 13     |
| Malignant Neoplasm, Uterus .....             | —      | 3        | 3      |
| Other Malignant and Lymphatic Neoplasms.     | 19     | 21       | 40     |
| Leukæmia, Aleukæmia .....                    | 2      | 1        | 3      |
| Diabetes .....                               | 1      | 3        | 4      |
| Vascular Lesions of Nervous System .....     | 48     | 53       | 101    |
| Coronary Disease, Angina .....               | 53     | 25       | 78     |
| Hypertension with Heart Disease .....        | 3      | 8        | 11     |
| Other Heart Disease .....                    | 29     | 56       | 85     |
| Other Circulatory Disease .....              | 10     | 8        | 18     |
| Influenza .....                              | —      | —        | —      |
| Pneumonia .....                              | 12     | 5        | 17     |
| Bronchitis .....                             | 26     | 7        | 33     |
| Other Diseases of Respiratory System .....   | 3      | 1        | 4      |
| Ulcer of Stomach and Duodenum .....          | 3      | —        | 3      |
| Gastritis, Enteritis and Diarrhœa .....      | 1      | 1        | 2      |
| Nephritis and Nephrosis .....                | —      | 4        | 4      |
| Hyperplasia of Prostate .....                | 8      | —        | 8      |
| Pregnancy, Childbirth, Abortion .....        | —      | 1        | 1      |
| Congenital Malformations .....               | 4      | 1        | 5      |
| Other Defined and Ill-defined Diseases ..... | 16     | 12       | 28     |
| Motor Vehicle Accidents .....                | 2      | 3        | 5      |
| All other Accidents .....                    | 4      | 4        | 8      |
| Suicide .....                                | 6      | 5        | 11     |
| Homicide and Operations of War .....         | 1      | —        | 1      |
| Totals .....                                 | 267    | 240      | 507    |



# General Provisions of Health Services.

---

A comprehensive range of services is maintained by the Local Health Authority, Lancashire County Council, including Ante-Natal Clinics, Child Welfare Clinics, Ultra-Violet Light Clinics, Speech Therapy Clinics and other School Health Services.—Medical and Dental.

Ambulance service is provided by Lancashire County Council.

Hospital services are provided by Manchester Regional Hospital Board, including general hospital facilities in Blackburn and a Maternity Home in the former Darwen Infectious Diseases Hospital at Bull Hill.

## **LABORATORY FACILITIES.**

The Pathological and Bacteriological Department of the Blackburn and East Lancashire Royal Infirmary undertake all Public Health laboratory work for the Borough of Darwen, in accordance with the Government scheme now being officially carried out in this area by the Manchester Regional Hospital Board.



# Prevalence and Control of Infectious Diseases.

The numerical and age incidence of infectious diseases, other than tuberculosis, is shown in the following table, which includes particulars of Darwen cases notified and accepted, cases removed to hospital, and deaths from infectious diseases. The so-called minor infectious diseases, other than measles and whooping cough, are not included in the table, as they are not notifiable in Darwen and, therefore, statistics as to their incidence are not reliable.

| Disease.  | Cases Notified and Accepted       |                 |     |     |     |     |     |     |     |                   | Hospital.       |  |   |
|---|-----------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----------------|--|---|
|   | Total<br>Cases<br>at all<br>Ages. | Years.          |     |     |     |     |     |     |     |                   | Total<br>Deaths | Total<br>Cases<br>removed to<br>Hospital<br>from<br>district | Deaths in<br>Hospital<br>of persons<br>belonging<br>to district |
|   |                                   | Un-<br>der<br>1 | 1   | 3   | 5   | 10  | 15  | 25  | 45  | 65<br>and<br>over |                 |  |   |
| Smallpox .....  | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Scarlet Fever .....   | 30                                | ...             | ... | 13  | 15  | 2   | ... | ... | ... | ...               | ...             | 4  | ...   |
| Diphtheria (includ-<br>ing Membranous<br>Croup) .....           | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Enteric or Typhoid<br>Fever (excluding<br>Paratyphoid) .....    | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Paratyphoid Fever...  | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Measles (excluding<br>Rubella) .....                            | 307                               | 15              | 86  | 91  | 110 | 2   | 2   | 1   | ... | ...               | ...             | 2  | ...   |
| Whooping Cough ....   | 4                                 | ...             | 4   | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Acute Pneumonia:<br>(Primary and<br>Influenzal) .....           | 5                                 | ...             | ... | ... | ... | 1   | ... | ... | 4   | ...               | ...             | 1  | ...   |
| Puerperal Pyrexia ...   | 4                                 | ...             | ... | ... | ... | ... | 1   | 3   | ... | ...               | ...             | 1  | ...   |
| Meningococcal<br>Infection .....                                | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Acute Poliomyelitis:<br>Paralytic .....                         | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Non-Paralytic .....   | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Acute Encephalitis:<br>Infective .....                          | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Post-Infectious ...   | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Dysentery .....   | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Ophthalmia Neona-<br>torum .....                                | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Erysipelas .....  | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Malaria—<br>Contracted in:<br>England and Wales<br>Abroad ..... | ...                               | ...             | ... | ... | ... | ... | ... | ... | ... | ...               | ...             | ...  | ...   |
| Food Poisoning .....  | 2                                 | ...             | ... | ... | 2   | ... | ... | ... | ... | ...               | ...             | 2  | ...   |
| Totals .....  | 352                               | 15              | 90  | 104 | 127 | 5   | 3   | 4   | 4   | ...               | ...             | 10   | ...   |



The following table gives the comparative incidence of infectious diseases during the past five years:—

| Disease.   | 1954 | 1955 | 1956 | 1957 | 1958 |
|--|------|------|------|------|------|
| Smallpox .....   | ...  | ...  | ...  | ...  | ...  |
| Scarlet Fever .....                                    | 120  | 25   | 24   | 85   | 30   |
| Diphtheria (including Mem<br>branous Croup) .....      | ...  | 1    | ...  | ...  | ...  |
| Enteric or Typhoid Fever<br>(excluding Paratyphoid)... | ...  | ..   | ...  | ...  | ...  |
| Paratyphoid Fever .....                                | ...  | 1    | ...  | ...  | ...  |
| Measles (excluding Rubella)                            | 664  | 509  | 61   | 395  | 307  |
| Whooping Cough .....                                   | 93   | 25   | 119  | 36   | 4    |
| Acute Pneumonia:<br>(Primary and Influenzal).          | 21   | 10   | 14   | 18   | 5    |
| Puerperal Pyrexia .....                                | 19   | 5    | 3    | 2    | 4    |
| Meningococcal Infection ....                           | ...  | ...  | ...  | ...  | ...  |
| Acute Poliomyelitis:                                   |      |      |      |      |      |
| Paralytic .....  | ...  | 5    | ...  | 2    | ...  |
| Non-Paralytic .....                                    | ...  | 2    | ...  | ...  | ...  |
| Acute Encephalitis:                                    |      |      |      |      |      |
| Infective .....  | ...  | ...  | ...  | ...  | ...  |
| Post-Infectious .....                                  | ...  | ...  | ...  | ...  | ...  |
| Dysentery .....  | 30   | 98   | ...  | ...  | ...  |
| Ophthalmia Neonatorum .....                            | ...  | 1    | ...  | ...  | ...  |
| Erysipelas .....                                       | 1    | 1    | 3    | 1    | ...  |
| Malaria—   |      |      |      |      |      |
| Contracted in:   |      |      |      |      |      |
| England and Wales ..                                   | ...  | ...  | ...  | ...  | ...  |
| Abroad .....   | 1    | ...  | ...  | ...  | ...  |
| Food Poisoning.....                                    | 1    | 324  | 3    | ..   | 2    |
| Totals .....   | 950  | 1007 | 227  | 539  | 359  |



# **TUBERCULOSIS.**

Cases of Tuberculosis were admitted to various Sanatoria under the Regional Hospital Board.

The Tuberculosis Scheme is administered by the Lancashire County Council and Regional Hospital Board, but the Area Tuberculosis Officer and Nurse maintain close co-operation with the Public Health Department, furnishing particulars about housing conditions, and environment generally. The necessary disinfection is carried out by the Public Health Department.

The following table shows the age group incidence of new cases of tuberculosis notified, and the deaths from the disease, during 1958 :—

| Age Periods.     | NEW CASES.   |     |                  |     | DEATHS.      |     |                  |     |
|------------------|--------------|-----|------------------|-----|--------------|-----|------------------|-----|
|                  | Respiratory. |     | Non-Respiratory. |     | Respiratory. |     | Non-Respiratory. |     |
|                  | M.           | F.  | M.               | F.  | M.           | F.  | M.               | F.  |
| Years.           |              |     |                  |     |              |     |                  |     |
| 0—1 .....        | ...          | ... | ...              | ... | ...          | ... | ...              | ... |
| 1—2 .....        | ...          | ... | ...              | ... | ...          | ... | ...              | ... |
| 2—5 .....        | ...          | ... | ...              | 1   | ...          | ... | ...              | ... |
| 5—10 .....       | ...          | ... | 1                | ... | ...          | ... | ...              | ... |
| 10—15 .....      | ...          | ... | 1                | ... | ...          | ... | ...              | ... |
| 15—20 .....      | ...          | ... | ...              | ... | ...          | ... | ...              | ... |
| 20—25 .....      | ...          | 1   | ...              | ... | ...          | ... | ...              | ... |
| 25—35 .....      | 2            | 1   | ...              | ... | ...          | ... | ...              | ... |
| 35—45 .....      | 1            | 1   | ...              | ... | ...          | ... | ...              | ... |
| 45—55 .....      | 3            | ... | ...              | ... | ...          | ... | ...              | ... |
| 55—65 .....      | 4            | ... | ...              | ... | ...          | ... | ...              | ... |
| 65—75 .....      | 1            | ... | ...              | ... | ...          | ... | ...              | ... |
| 75 and upwards.. | ...          | ... | ...              | ... | 1            | ... | ...              | ... |
| Totals .....     | 11           | 3   | 2                | 1   | 1            | ... | ...              | ... |
|                  | 14           |     | 3                |     | 1            |     | ...              |     |

The following table shows the number of new cases of Tuberculosis placed on the Register during the last 10 years:—

| Year. | Respiratory. |         | Non-Respiratory. |         | Total. |
|-------|--------------|---------|------------------|---------|--------|
|       | Male.        | Female. | Male.            | Female. |        |
| 1949  | 6            | 12      | 5                | 2       | 25     |
| 1950  | 15           | 13      | 4                | 6       | 38     |
| 1951  | 12           | 14      | 3                | 4       | 33     |
| 1952  | 11           | 10      | 2                | 3       | 26     |
| 1953  | 9            | 2       | 7                | 5       | 23     |
| 1954  | 5            | 6       | —                | 2       | 13     |
| 1955  | 6            | 6       | 1                | 6       | 19     |
| 1956  | 9            | 5       | 2                | —       | 16     |
| 1957  | 9            | 2       | 2                | —       | 13     |
| 1958  | 11           | 3       | 2                | 1       | 17     |

## **NATIONAL ASSISTANCE**

ACT, 1948 & 1951  
SECTION 47.

No action taken under this Section.



PART II.  
ENVIRONMENTAL HYGIENE.

Sanitary Circumstances of the Area  
(including Public Cleansing)

Housing, and

Inspection and Supervision of Food

BY

E. P. McGLYNN, Esq., R.S.P.H., M A.P.H.I., Etc.

SENIOR PUBLIC HEALTH INSPECTOR

AND

DIRECTOR OF PUBLIC CLEANSING







# Sanitary Circumstances of the Area.

## WATER.

**Reservoirs.**—Water is supplied on the constant system from the following reservoirs Sunnyhurst Hey, Earnsdale and Bull Hill of which the first two are open, and the last closed. All the water is from moorland gathering grounds. Water in the Bull Hill Reservoir is supplied from Bolton. Two supplementary water supplies are also available when required from a borehole in the centre of the town and a mineshaft at Eccleshill piped to Sunnyhurst Reservoir.

**Purification.**—All water is sandfiltered and chlorinated.

**Supply.**—The approximate number of dwelling-houses supplied direct is 10,484.

## SAMPLING.

**Chemical.** Six samples of water from public supplies were submitted for analysis during the year. All were satisfactorily reported upon.

**Bacteriological.** Six samples of drinking water from Public Supplies, and twelve samples of drinking water from seven private supplies were submitted for bacteriological examination. The six samples from the Public Supplies were satisfactorily reported upon.

Eight samples from the Private Supplies were satisfactory reported upon, whilst four samples were unsatisfactorily reported upon.

Further samples of these supplies are being taken periodically. Users are advised on precautionary measures

The table below gives the closet accommodation in the Borough:—

|                           |       |
|---------------------------|-------|
| Pails .....               | 131   |
| Water Closets .....       | 12687 |
| Waste Water Closets ..... | 1011  |
| Cesspools .....           | 0     |
| Total .....               | 13829 |

## SEWERAGE, DRAINAGE AND CLOSET ACCOMMODA- TION.

Conversions and Installations during 1958 :—

|  |     |
|--|-----|
| New Water Closets fixed .....                      | 139 |
| Waste Water Closets converted to Water Closets ... | 87  |
| Latrine Closets converted to Water Closets .....   | 0   |
| Pail Closets converted to Water Closets .....      | 0   |
| Baths installed during the year .....              | 128 |
| Showers installed during the year .....            | 0   |
| Urinals installed during the year .....            | 0   |
| Waste Water Closets d'smantled .....               | 0   |
| Water Closets dismantled .....                     | 1   |



Routine testing, inspection, repair and renewal of existing drains and sewers continued within the limits of availability of staff, material and labour.

It is hoped that closet conversions will gradually result in the total abolition of the 1010 waste water closets, though at the present rate of progress this will take another eighteen years.

## RIVERS AND STREAMS.

The river is still somewhat polluted by industrial waste effluents, though rather less than in previous years. In addition there is a certain amount of material dumped in the river by children and careless householders.

The river is frequently inspected and every effort made to prevent pollution wherever the sources are discoverable.

## SANITARY INSPECTION OF THE AREA.

|  |      |
|--|------|
| Number of houses visited .....   | 591  |
| Number of houses visited (Housing Consolidated Regulations, 1925 to 1932) .....      | 166  |
| Number of inspections of Schools .....   | 0    |
| Number of inspections of Factories and Workplaces .....                              | 221  |
| Number of inspections of Municipal Hostel .....                                      | 52   |
| Number of inspections of Bakehouses .....  | 13   |
| Number of inspections of Dairies and Cowsheds .....                                  | 0    |
| Number of inspections of Refuse Tips .....   | 114  |
| Complaints received and investigated .....   | 354  |
| Number of re-inspections made .....  | 4023 |
| Visits paid to houses (re cases of Infectious Diseases) ...                          | 38   |
| Number of rooms disinfected .....  | 37   |
| Number of smoke observations taken .....   | 20   |
| Number of drains, etc., tested .....   | 271  |
| Total number of defects discovered .....   | 1124 |
| Informal Notices served .....  | 1124 |
| Statutory Notices served .....   | 70   |
| Number of nuisances abated, including outstanding nuisances from previous year ..... | 1813 |

## LIST OF NUISANCES DISCOVERED.

|  |     |
|--|-----|
| Defective Drains .....   | 78  |
| Choked and defective Sewers .....                                    | 0   |
| Defective soil pipes and water closets .....                         | 26  |
| Defective downspouts, easing troughs, roofs and external walls ..... | 84  |
| Defective plastering .....   | 104 |
| Defective Roofs and Damp Walls .....                                 | 55  |
| Dirty houses and Premises .....                                      | 0   |
| Dangerous Buildings .....  | 0   |
| Dirty and dilapidated closets .....                                  | 46  |
| Accumulations of refuse .....  | 1   |
| Defective or uneven gullies .....                                    | 26  |
| Insanitary sinks .....   | 5   |
| Defective fire ranges .....  | 26  |
| Broken slop pipes .....  | 1   |



|  |     |
|--|-----|
| Defective Flushing Cisterns .....              | 13  |
| Defective tippers of waste water closets ..... | 2   |
| Choked waste water closets .....               | 38  |
| Choked water closets .....                     | 39  |
| Insanitary yards .....                         | 16  |
| Defective internal floors .....                | 76  |
| Insufficient ventilation .....                 | 73  |
| Burst water pipes .....                        | 10  |
| Defective wash boilers .....                   | 6   |
| *Miscellaneous nuisances .....                 | 274 |

\* The Miscellaneous Nuisances include such items as defective pointing, defective woodwork of doors, defective pointing and putty around windows, etc.

## **SHOPS: FOOD.**

1020 Routine and special inspections were made of Meat, Fish, and other food shops and Market Stalls under the Food Hygiene Regulations. Advice was given as necessary, and various works of improvements initiated.

## **INSPECTIONS UNDER SHOPS ACT, 1950.**

Routine inspections are made and special inspections as occasion requires, but pressure of other work especially housing has limited visitation far below the level regarded as desirable.

## **SMOKE ABATEMENT.**

Twenty smoke observations were taken during the year, and advice and instructions to stokers on firing and use of fuel, to secure as far as possible the prevention of black or heavy smoking, were given. One of the main difficulties encountered in efforts towards smoke abatement is the variable quality and grade of the fuel supplied to manufacturers, who have little or no choice in particular supplies.

## **DISINFESTATION.**

During the year one hundred and seventy houses were found to be infested with vermin including two houses infested with bugs. All of these had been disinfested by the end of the year, gaseous fumigation and spraying being the methods employed.

## **OFFENSIVE TRADES.**

The following are established in the district:—Two tripe boilers, one fat extractor, and one fat melter.

## **MUNICIPAL HOSTEL.**

This is the only common lodging house in the town and is municipally owned and managed. The average daily number of lodgers for the year was :—Males, 116.57; Females, 13.04.

## **FACTORIES.**

Two hundred and three routine and special visits were paid to factories with and without mechanical power during the year for purposes of the provisions as to health. Defects found (chiefly in connection with sanitary conveniences) were notified to occupiers and by the end of the year were either completed or in hand. Pressure of other work still reduces routine visiting far below the level considered desirable.

As previously, the fullest co-operation was maintained between the Department and H.M. Inspector of Factories,



**CHIEF  
SANITARY  
REQUIREMENTS  
OF THE  
DISTRICT.**

The chief sanitary requirements of the district are:—

The conversion of pail and waste water closets;

The paving, culverting, embanking and, as far as possible, purification of the river;

The clearance of derelict and neglected sites;

The paving of back streets and unmade roads;

The reduction of the number of private water supplies and the purification and protection of the remainder.

**PUBLIC CLEANSING.**

The whole of this important sanitary service is under the control of the Public Health Department. It comprises the collection and disposal of household and trade refuse and the cleansing of streets.

**VEHICLES.**

The refuse collection and disposal service is completely mechanised, the tractor-drawn trailer tank for nightsoil collection, being now in use for one day per week.

**REFUSE  
COLLECTION.**

Reference was made in a recent Annual Report to the great difficulties experienced by the Department in keeping the refuse collection frequency at a reasonable level during the winter months. Full particulars were given there of the various factors which have arisen during the past 20 years which affect the position. These factors do not change with the passage of time and the Cleansing Committee has the service continually under review so that no expedient to improve the frequency may go untried. All the four districts into which the town is divided for refuse collection purposes are now serviced by vehicles which have maximum capacity consistent with manoeuvrability in the narrower streets. These vehicles are of the "fore-and-aft" tipping type and are proving very successful.

**REFUSE  
DISPOSAL.**

The system of controlled tipping continues to be operated at the Corporation-owned Bull Hill Tip — the only one now in use. It is situated near the Southern boundary of the Borough which makes the length of haul from the Northern half somewhat excessive.



**SALVAGE.**

The pre-separation of salvable material from household refuse is still conscientiously carried out by the bulk of householders.

The following is a summary of the materials sold during the year:—

|  | Tons. | Cwts. |
|--|-------|-------|
| Clean Waste Papers .....                   | 432   | 4½    |
| Ferrous Metals—Baled Tins .....            | Nil   | Nil   |
| „ „ Black Scrap .....                      | 22    | 4     |
| Non-Ferrous Metals .....                   | 1     | 18½   |
| Textiles—Rags, Carpets .....               | 9     | 7½    |
| Waste Foods—Pigswill (after boiling) ..... | 137   | 10    |
|  | —     | —     |
| Total .....                                | 603   | 4½    |
|  | —     | —     |

The total value of the salvaged materials sold was £3,565.

The price of waste paper and container waste was maintained during the year, and there has been no difficulty in disposal. The former salvage depot in the old destructor works yard has now been closed, apart from the waste food plant, and a large Nissen type hut sited at Bull Hill Tip has replaced it.

**SUMMARY.**

The following is a summary of the work done during 1958. It should be noted that the weights given below are estimated.

|  | Tons.  | Cwts.  | Qrs. |
|--|--------|--------|------|
| House Refuse to Tip (3833 loads) .....           | 6134   | 0      | 0    |
| Market and Trade Refuse to Tip (339 loads) ..... | 509    | 0      | 0    |
| Receptacles Emptied (House Refuse) .....         | 384233 |        |      |
| Receptacles Emptied (Trade Refuse) .....         | 22606  |        |      |
| Excreta .....                                    | 104    | Loads. |      |
| Excreta Pails Emptied .....                      | 2739   |        |      |
| Sludge from Street Gullies .....                 | 282    | Loads  |      |
| Street Gullies Emptied .....                     | 17185  |        |      |
| Sweepings : Bins from Street Orderly Trucks ...  | 3072   |        |      |
| Sweepings : Manuletric Trucks .....              | 974    | Loads. |      |
| Dust Bins added during the year .....            | 40     |        |      |
| Number of Portable Refuse Receptacles .....      | 12820  |        |      |
| Length of Streets swept by Mechanical Sweeper    | 2261   | Miles  |      |
| Length of Streets swept by Manuletric Trucks     | 2283   | Miles  |      |







# HOUSING.

The table below gives particulars of action taken specifically under the provisions of the Housing Acts in contradistinction to action under the Public Health Acts.

## STATISTICS.

Number of new houses erected during the year—

|   |      |
|---|------|
| (a) Total (including numbers given separately under   |      |
| (b) .....   | 64   |
| (i) By Local Authority .....  | 64   |
| (ii) By other Local Authorities .....   | 2    |
| (iii) By other bodies or persons .....  | 4    |
| (b) With State assistance under the Housing Acts—   |      |
| (i) By the local authority (included under (a) (i) above) .....   | 64   |
| (ii) By other bodies (included under (a) (iii) above) .....   | 4    |
| 1. Inspection of dwelling-houses during the year—   |      |
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .....   | 166  |
| (b) Number of inspections made for the purpose  | 1944 |
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 to 1932 ..... | 142  |
| (b) Number of inspections made for the purpose  | 160  |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....                                    | 9    |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..... | 157  |
| 2. Remedy of defects during the year without service of formal notices—   |      |

|   |    |
|---|----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their Officers ..... | 14 |
|---|----|



# STATISTICS

(continued).

|   |  |    |
|---|--|----|
| 3.  | Action under statutory powers during the year—   |    |
| (a)   | Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957   |    |
| (1)   | Number of dwelling-houses in respect of which notices were served requiring repairs .....  | 16 |
| (2)   | Number of dwelling-houses which were rendered fit after service of formal notices—   |    |
| (a)   | By owners .....  | 10 |
| (b)   | By local authority in default of owners .....  | 7  |
| (b)   | Proceedings under Public Health Acts—  |    |
| (1)   | Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .....   | 0  |
| (2)   | Number of dwelling-houses in which defects were remedied after service of formal notices—  |    |
| (a)   | By owners .....  | 0  |
| (b)   | By local authority in default of owners ...  | 0  |
| (c)   | Proceedings under Sections 16 and 17 of the Housing Act, 1957.   |    |
| (1a)  | Number of dwelling houses in respect of which Demolition Orders were made .....  | 41 |
| (1b)  | Number of dwelling houses in ownership of Local Authority dealt with in accordance with Section 3 (3a) of the Housing Subsidies Act 1956, as directed in Appendix II of Circular 33/53 with a view to demolition | 1  |
| *(2)  | Number of dwelling-houses demolished in pursuance of Demolition Orders .....   | 19 |
| * This figure includes two houses previously closed under Section 10 of the Local Government (Miscellaneous Provisions) Act, 1953 and five houses demolished informally by owners upon vacation by tenants. |  |    |
| (3)   | Number of houses demolished where action has been taken under Section 53 of the Over Darwen Improvement Act, 1879 .....  | 8  |
| (4)   | Number of dwelling-houses closed as a result of Closing Orders made under Sections 16 and 17 of the Housing Act, 1957 .....  | 52 |
| (d)   | Proceedings under Section 18 of the Housing Act, 1957.   |    |
| (1)   | Number of separate tenements or underground rooms in respect of which Closing Orders were made .....   | 0  |
| (2)   | Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .....  | 0  |



**STATISTICS**  
**(continued).**

|    |   |    |
|----|---|----|
|    | (e) Houses closed informally by owners .....  | 0  |
|    | (f) Proceedings under Sections 42 and 43 of the Housing Act, 1957.                                    |    |
|    | (1) Number of dwelling-houses demolished as a result of Clearance or Compulsory Purchase Orders ..... | 0  |
| 4. | Housing Act 1957 Part IV—Overcrowding—  |    |
|    | (a) (i) Number of dwellings overcrowded at the end of the year .....                                  | 0  |
|    | (ii) Number of families dwelling therein .....  | 0  |
|    | (iii) Number of persons dwelling therein .....  | 0  |
|    | (b) Number of new cases of overcrowding reported during the year .....                                | 0  |
|    | (c) (i) Number of cases of overcrowding relieved during the year .....                                | 0  |
|    | (ii) Number of persons concerned in such cases ...  | 0  |
| 5. | Housing Acts, 1949-1954.  |    |
|    | (a) (i) Number of schemes submitted—  |    |
|    | (a) By private individuals to Local Authority   | 28 |
|    | (b) By Local Authority to Ministry .....  | 0  |
|    | (ii) Number of dwelling-houses affected .....   | 28 |
|    | (b) (i) Number of schemes approved—   |    |
|    | (a) Of private individuals .....  | 27 |
|    | (b) Of the Local Authority .....  | 0  |
|    | (ii) Number of dwelling-houses affected .....   | 27 |
|    | (iii) Number of additional separate dwellings provided .....  | 0  |

**OVERCROWDING.** “Overcrowding” as to mixed sexes in families, not involving legal overcrowding is fairly common in two-bedroomed houses, but is gradually being reduced.

**OVER DARWEN IMPROVEMENT ACT, 1879.** Orders under Section 53 of the Over Darwen Improvement Act, 1879 had been previously made against eight houses considered to be unfit for human habitation, attaching a penalty to their continued letting. (See note under (c) (3) on page 26).



**GENERAL  
OBSERVATIONS.**

The chief difficulty in housing work is the inability to secure extensive repairs by informal action with the result that statutory procedure has to be invoked with all the additional work and time involved.

It is perhaps worthy of note here that since the last Report the Corporation have taken over another house at the request of the owner, in discharge of debt for default repair works, making a total of 35 houses so far taken over.

In addition a further 3 houses of varying types and sizes have been acquired by the Corporation at the instance of, and by agreement with, the owners, making a total of 117 houses so far taken over, of which 18 were in Housing or Industrial Redevelopment Schemes. They have all been, or are to be, repaired.

Inspection, survey and repair proceeded steadily throughout the year.



# Inspection and Supervision of Food.

---

## **SAMPLING MILK.**

**Biological.** Thirty-nine samples were submitted for guinea pig inoculation. Thirty-eight were reported as negative, and one sample was reported as positive.

Suitable action was taken by the Ministry of Agriculture, Fisheries and Food, and information was received that clinical examination had been carried out and three animals removed for slaughter.

**Bacteriological.** Fifty-eight samples were examined during the year. Forty-one were satisfactorily reported upon, seventeen were unsatisfactorily reported upon. The reports were passed on for appropriate action to the County Milk Production Officer.

## **CHEMICAL ANALYSIS OF MILK—See Tables I and II below.**

## **MEAT AND OTHER FOODS.**

The Public Abattoir was closed in June, 1941, in pursuance of a Ministry of Food Scheme for further centralising slaughtering.

Butchers' and other food shops, stalls and vehicles, and premises used for the preparation of human food are regularly inspected.

The amount of food examined, certified unfit, and either destroyed or utilised after sterilisation for animal feeding-stuffs, was as shown in Table III on Page 32.

No legal proceedings were necessary in respect of unsound food during the year.

## **FOOD AND DRUGS SAMPLING**

The Local Authority, by direction of the Minister, is the Food and Drugs Authority for the Borough.

Close co-operation is maintained with the Public Analyst whose advice and help are always available and much valued.

The quality of the food sold in the district is generally good.

## **CHEMICAL ANALYSIS OF OTHER FOODS—See Table I.**



TABLE 1—SAMPLES REPORTED GENUINE

| No. of Samples | Description                          | Formal | Informal |
|----------------|--------------------------------------|--------|----------|
| 41             | Milk .....                           | 41     | ...      |
| 1              | Pork Sausage .....                   | ...    | 1        |
| 3              | Ice Cream .....                      | ...    | 3        |
| 1              | Patent Cornflour .....               | ...    | 1        |
| 1              | Orange Squash .....                  | ...    | 1        |
| 1              | Butter .....                         | ...    | 1        |
| 2              | Margarine .....                      | ...    | 2        |
| 1              | Lamb Chops .....                     | ...    | 1        |
| 1              | Strawberry Jelly .....               | ...    | 1        |
| 1              | Jelly Marmalade .....                | ...    | 1        |
| 1              | Cheese Spread Celery Flavoured ..... | ...    | 1        |
| 1              | Double Devon Cream .....             | ...    | 1        |
| 1              | Potted Salmon with Butter .....      | ...    | 1        |
| 1              | Baking Powder .....                  | ...    | 1        |
| 1              | Glycerine, Honey and Lemon .....     | ...    | 1        |
| 1              | Aspirin Tablets .....                | ...    | 1        |
| 1              | Rose Hip Syrup .....                 | ...    | 1        |
| 1              | Almond Flavour .....                 | ...    | 1        |
| 1              | Almond Marzipan .....                | ...    | 1        |
| 1              | Mincemeat .....                      | ...    | 1        |
| 1              | Su'tanas .....                       | ...    | 1        |
| 1              | Christmas Pudding .....              | ...    | 1        |
| 1              | Pure Honey .....                     | ...    | 1        |
| 4              | Scotch Whisky .....                  | 4      | ...      |
| 2              | Rum .....                            | 2      | ...      |
| 2              | Brandy .....                         | 2      | ...      |
| 1              | Gin .....                            | 1      | ...      |
| 1              | Tea .....                            | ...    | 1        |



TABLE II—SAMPLES REPORTED NOT GENUINE

| Cons. No. | No. of Samples | Description  | Formal | Informal | Result   | Action Taken      |
|-----------|----------------|--------------|--------|----------|--|-------------------|
| 1         | 1              | Milk         | x      | —        | Deficient 3.3% fat.  | Vendor cautioned  |
| 2         | 1              | Beef Sausage | —      | x        | Meat Content 69%. Contained 280 parts per million sulphite preservative (expressed as so) without declaration. | Vendor cautioned  |
| 3         | 1              | Pork Sausage | —      | x        | Meat content 63% (Slightly poor in meat content).  | No action advised |
| 4         | 1              | Pork Sausage | —      | x        | Contained 190 parts per million of sulphite preservatives (expressed as sulphite dioxide without declaration). | Vendor cautioned  |

It will be observed that the Pork Sausage (Sample No. 3) was slightly poor in meat content judged by the unofficial standard of 65% minimum meat content which, following the wartime precedent, we consider to be a reasonable one. But in the absence of a statutorily declared standard no action can be taken by the Local Authority, as, in a case taken, the Local Bench declined to fix a standard.

It is, and I think rightly, the generally held opinion of Public Health Inspectors and Public Analysts that a meat content standard should be fixed for both beef and pork sausages, since without it, it will not be possible even to attempt to secure that, when the public are buying these articles of food, they will be getting the right nutritional material in satisfactory proportions.



**TABLE III—SHOWING AMOUNT AND NATURE OF FOOD  
CONDEMNED DURING 1958.**

| Amount.  | Nature of Food      | Amount. | Nature of Food   | Amount.              | Nature of Food.  |
|----------|---------------------|---------|------------------|----------------------|------------------|
| 134 tins | Assorted Fruit      | 7 tins  | Stewed Steak     | 1 tin                | Lunch Tongues    |
| 48 tins  | Assorted Vegetables | 11 tins | Baked Beans      | 1 tin                | Pork Tenderloin  |
| 6 tins   | Ox Tongue           | 4 tins  | Steak Puddings   | 1 tin                | Minced Meat Loaf |
| 11 tins  | Luncheon Meat       | 2 tins  | Sherry Trifle    | 1 jar                | Red Cabbage      |
| 22 tins  | Corned Beef         | 2 tins  | Rice Pudding     | 1 jar                | Chicket Fillets  |
| 9 tins   | Ham                 | 1 tin   | Spam             | 9 $\frac{3}{4}$ lbs. | Kraft Cheese     |
| 12 tins  | Fish                | 1 tin   | Chicken Fillets  | 37 lbs.              | Cheddar Cheese   |
| 31 tins  | Tomatoes            | 7 tins  | Creamed Rice     | 1415 lbs.            | Jersey Potatoes  |
| 18 tins  | Soups               | 1 tin   | Corned Mutton    | 2 qrts.              | Shrimps          |
| 10 tins  | Meat                | 1 tin   | Danish           | 26 lbs.              | Beef             |
| 2 tins   | Cream               | 2 tins  | Luncheon Meat    | 10 lbs.              | Lambs Liver      |
| 1 bottle | Cream               | 1 tin   | Ham and Chicken  | 2 lbs.               | Ox Tongue        |
|          |                     |         | Steak and Onions | 13 lbs.              | Ham              |

### RATS AND MICE DESTRUCTION

Investigation and disinfestation proceeded steadily throughout the year, and it has become increasingly obvious that the initial survey and co-ordinated treatments, and especially the comprehensive and radical treatment of the sewers, have reduced to a low level the degree of infestation in the town. This has been maintained now for twelve years, and it is expected that regular re-survey, sewer maintenance treatment and block control, will keep it there or still further reduce it.

The following table gives a summary of the work done throughout the year—

| No. of premises inspected.          | No. of premises found infested. | No. of treatments carried out.           | Estimated kill of rats. | Cumulative total of rats killed since inception of service. |
|-------------------------------------|---------------------------------|--|-------------------------|---|
| 831<br>(including 243<br>Hen Pens.) | Killed<br>164                   | prior to January,<br>Full Test<br>143 60 | 1958<br>4097            | 24,277<br>28,374  |

### SEWER TREATMENTS.

| Date    | No. of manholes treated. | Estimated kill |
|---------|--------------------------|----------------|
| April   | 462                      | 2110           |
| October | 441                      | 1594           |







# INDEX

---

|  | PAGE. |
|--|-------|
| INTRODUCTION .....                       | 5     |
| MEMBERS OF PUBLIC HEALTH COMMITTEE ..... | 2     |
| CLINICS AND TREATMENT CENTRES .....      | 4     |
| STAFF OF PUBLIC HEALTH DEPARTMENT .....  | 3     |

## PART I.

|   |               |
|---|---------------|
| <b>STATISTICS AND SOCIAL CONDITIONS</b> .....             | 9, 10, 11, 12 |
| BIRTHS—ILLEGITIMATE .....                                 | 9, 11         |
| LEGITIMATE .....  | 9             |
| LIVE BIRTHS .....   | 9, 10         |
| STILL BIRTHS .....  | 9, 11         |
| TOTAL BIRTHS .....  | 9, 10         |
| DEATHS—CAUSES AND SEX DISTRIBUTION .....                  | 12            |
| INFANTILE MORTALITY .....                                 | 10            |
| MATERNAL MORTALITY .....                                  | 9             |
| NEO-NATAL MORTALITY .....                                 | 10            |
| TOTAL DEATHS AND DEATH RATES .....                        | 9, 11         |
| OTHER INFANT DEATHS .....                                 | 10            |
| GENERAL INFORMATION .....                                 | 9             |
| <b>GENERAL PROVISIONS OF HEALTH SERVICES</b> .....        | 13            |
| <b>PREVALENCE AND CONTROL OF INFECTIOUS DISEASE</b> ..... | 14, 15, 16    |
| COMPARATIVE INCIDENCE OF INFECTIOUS DISEASES .....        | 15            |
| NATIONAL ASSISTANCE ACT, 1948 AND 1951 .....              | 16            |
| NUMERICAL AND AGE INCIDENCE .....                         | 14            |
| TUBERCULOSIS—GENERAL .....                                | 16            |
| AGE GROUP, INCIDENCE, NEW CASES, DEATHS .....             | 16            |

## PART II.

### ENVIRONMENTAL HYGIENE—

|   |          |
|---|----------|
| <b>SANITARY CIRCUMSTANCES OF THE AREA</b> .....   | 19 to 28 |
| CHIEF SANITARY REQUIREMENTS OF THE DISTRICT ..... | 22       |
| DISINFESTATION .....                              | 21       |
| FACTORIES .....                                   | 21       |
| MUNICIPAL HOSTEL .....                            | 21       |
| NUISANCES DISCOVERED, LIST OF .....               | 20, 21   |
| OFFENSIVE TRADES .....                            | 21       |
| PUBLIC CLEANSING—GENERAL .....                    | 22       |
| REFUSE DISPOSAL .....                             | 22       |
| SALVAGE .....                                     | 23       |
| SUMMARY OF WORK DONE .....                        | 23       |
| VEHICLES .....                                    | 22       |
| RIVERS AND STREAMS .....                          | 20       |



|   | PAGE.              |
|---|--------------------|
| SANITARY INSPECTION OF THE AREA .....               | 20                 |
| SEWERAGE, DRAINAGE AND CLOSET ACCOMMODATION .....   | 19, 20             |
| SHOPS .....   | 21                 |
| SMOKE ABATEMENT .....                               | 21                 |
| WATER—PURIFICATION .....                            | 19                 |
| RESERVOIRS .....                                    | 19                 |
| SAMPLING .....                                      | 19                 |
| SUPPLY .....  | 19                 |
| <br><b>HOUSING</b> .....                            | <br>25, 26, 27, 28 |
| GENERAL OBSERVATIONS .....                          | 28                 |
| OVERCROWDING .....                                  | 27                 |
| OVER DARWEN IMPROVEMENT ACT, 1879 .....             | 26, 27             |
| STATISTICS .....                                    | 25, 26, 27, 28     |
| <br><b>INSPECTION AND SUPERVISION OF FOOD</b> ..... | <br>29, 30, 31, 32 |
| FOOD AND DRUGS SAMPLING .....                       | 29, 30, 31         |
| FOOD CONDEMNED .....                                | 32                 |
| MEAT AND OTHER FOODS .....                          | 29                 |
| MILK—SAMPLING .....                                 | 29, 30             |
| <b>RATS AND MICE DESTRUCTION</b> .....              | 32                 |
| SEWER TREATMENTS .....                              | 32                 |











